

QCR8 = CQ806F

Full Function Two-Page Color Quad Processor

USER MANUAL



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Product Feature & Specification

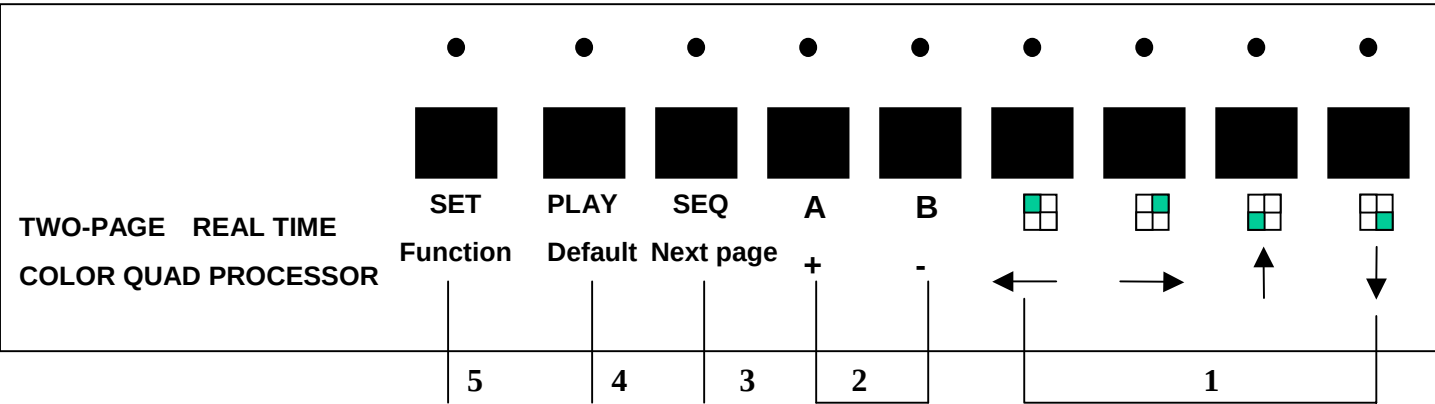
Product Feature

- High resolution picture with 16 million color.
- Full quad display at real time refresh rate.
- Video signal loss detection
- Different border colors indicate page selection
- Independent brightness, contrast, color and tint adjustments for every channel
- Built-in timer and title generator
- Alarm input with built buzzer
- Programmable Quad and 4/8 channel auto switcher output at the same time, and switching time is programmable
- Playback Zoom and Freeze function
- RS232 Remote Control and Alarm Message Transmission
- User- friendly front panel design

Product Specification

- Video Input: 8 cameras + 1 VCR input, 1.0V p-p, 75 ohm terminated
- Video Output: 2 Video outputs 1.0 V p-p, 75 ohm terminated
- Full Screen or Quad Screen
- Switch output, 75 ohm terminated
- Title: Up to 6 characters
- Timer: Built-in real time clock
- Alarm Input: 8 alarm inputs and 1 alarm rest input
- Alarm Output: 2 alarm outputs (1Normally Open,1Normally Closed)
- Power Source: DC 12V 1.0A
- Power Consumption:10W Max
- Dimension (L x W x H): 310 x 232 x 50 mm
- Paper Case Dimension (L x W x H):415 x 258 x 65 mm

1.0 Front Panel Keyboard



•1.1 Full Screen Key

•Press any Full-screen key,the corresponding quarter sub-screens will turn into a full screen of the monitor.

•1.2 Page A/B Switch

•Press A(B),the live pictures from page A(B) will be displayed on the main monitor and VCR output for recording.

•1.3 Sequential Switching

•Press SEQ key,the auto sequential switching mode will be led into.The sequence of switching can be set up by the SET. The main monitor will display live quad & full screen sequentially according to the set-up sequence of switching. Press SEQ key again, the auto sequential switching mode will be off, keeping the last picture.

•1.4 Playback

Press Play key, the recorded pictures will be played. There are two special functions in the Play mode:

•1.Zoom

Press Full-screen key during the play,the corresponding quad of the monitor will be enlarged to a full screen. Press the same key again, the zoom function will be stopped and the normal-size pictures will be displayed again.

•2.Freeze

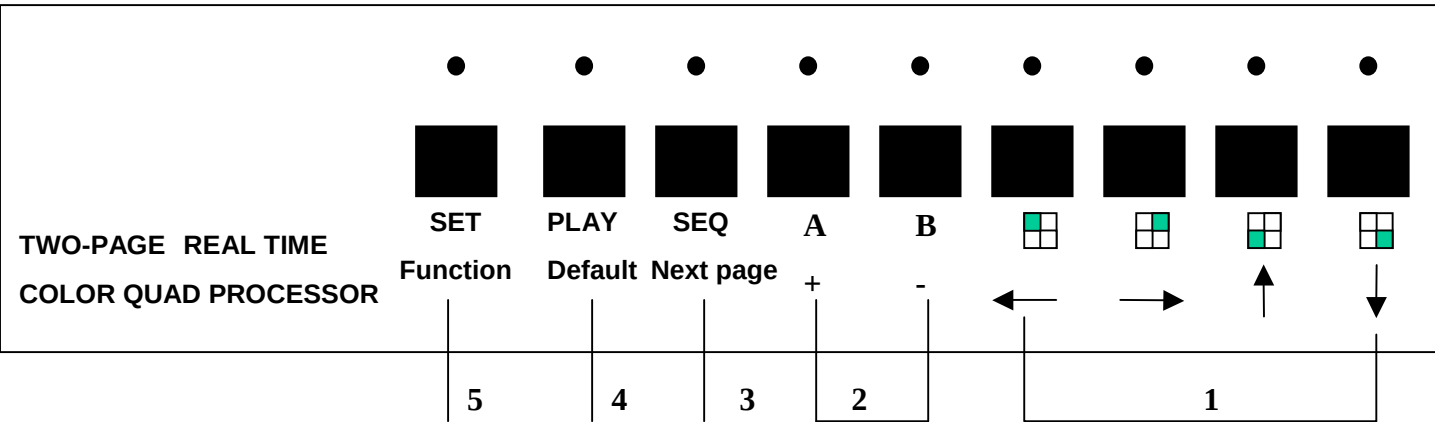
Press SEQ key during the play and the processor will freeze the current picture. Press any key, the picture will de-freeze and the function of the corresponding key will be executed.

Press SET key,the processor will be turned into the set-up mode. Details will be stated in the next chapter.

2.0 Setup the list

Press SET key to set date / time, main theme on/off, the quality of pictures, title of camera, sequence of switching,time span of switching,
alarm sensor,alarm hold time, alarm record, and alarm/video loss record.

The following keys will be redefined in setting mode (definitions shown at the bottom of the control panel).



- 1、 Press Default key: Set the processor back to default value if available.
- 2、 Press Next page key: Select the page you want to set up.
- 3、 Press +/- key to change the set value.
- 4、 Press any direction key to select the item you want to set up.
- There are 8 stages of selection in the set up mode:

Page 1	Set Time and Date, Turn On/Off time, the date,title display,for quad or full screen display.
Page 2	Display the alarm records.
Page 3	Set the brightness, contrasts,color and tint for camera in page A.
Page 4	Set the brightness, contrasts, color and tint for camera in page B.
Page 5	Change Camera titles of page A.
Page 6	Change Camera titles of page B.
Page 7	Program the sequential switching sequence and switching hold time. Set the screen refresh time.
Page 8	Set the alarm sensor type, alarm hold time,buzzer on/off and security.

2.1 Date、Time 、Information Display ON/OFF set up

DATE : 2000-01-01	
TIME : 01 : 01 : 01	
QUAD SCREEN DATE :	ON
QUAD SCREEN TIME :	ON
QUAD SCREEN TITLE :	ON
FULL SCREEN DATE :	ON
FULL SCREEN TIME :	ON
FULL SCREEN TITLE :	ON

The format of Date is YY-MM-DD

Year	:	start with 19 and 20
YY	:	from 00 to 99
MM	:	from 01 to 12
DD	:	from 01 to 31

The format of Time is HH-MM-SS

HH	:	from 00 to 23
MM	:	from 00 to 59
SS	:	from 00 to 59

2.2 Alarm Records

ALARM RECORDS	
C A DATE	TIME
1 V 2001-01-01	01 : 06 : 08

The format of Alarm Record is : “ **C A DATE TIME** ”

C : The number of the channel which triggers the alarm, from 1 to 8.

A : Type of alarm: ‘ **S** ’ alarm triggered by sensor input, ‘ **V** ’ alarm triggered by video loss.

DATE , TIME : The date and time of which the alarm activated.

2 .3 Set the Brightness, Contrast,Color, Tint for each channel in page A
(from 0-63)

PAGE A			
BRIGHT :	32	BRIGHT :	32
CONTRAST :	27	CONTRAST :	27
COLOR :	31	COLOR :	31
TINT :	32	TINT :	32
BRIGHT :	32	BRIGHT :	32
CONTRAST :	27	CONTRAST :	27
COLOR :	31	COLOR :	31
TINT :	32	TINT :	32

2 .4 Set the Brightness, Contrast,Color, Tint for each channel in page B
(from 0-63)

PAGE B			
BRIGHT :	32	BRIGHT :	32
CONTRAST :	27	CONTRAST :	27
COLOR :	31	COLOR :	31
TINT :	32	TINT :	32
BRIGHT :	32	BRIGHT :	32
CONTRAST :	27	CONTRAST :	27
COLOR :	31	COLOR :	31
TINT :	32	TINT :	32

2 .5 Set the camera titles for page A

CH1 :	CH1	CH2
CH2 :		
CH3 :	CH3	CH4
CH4 :		

2.6 Set the camera titles for page B

CH5 :	CH5	
CH6 :		CH6
CH7 :	CH7	
CH8 :		CH8

2.7 Set the sequential switching parameters

SEQUENTIAL SWITCH MENU			
CH1 :	OFF	CH5 :	OFF
CH2 :	OFF	CH6 :	OFF
CH3 :	OFF	CH7 :	OFF
CH4 :	OFF	CH8 :	OFF
QUAD A :	ON	QUAD B :	ON
SWITCH	TIME :		03 SEC
REFRESH	MODE :		FIELD

CH1-CH8: On/Off of each channel in the sequential switching mode

QUAD A, B: On/Off of each quad in the sequential switching mode

SWITCH TIME: the time period for each switching item

REFRESH MODE: to set the screen refresh by Frame or by Field

ALARM SETTING MENU	
CE SENSOR	CH SENSOR
1 N.O.	5 N.O.
2 N.O.	6 N.O.
3 N.O.	7 N.O.
4 N.O.	8 N.O.
ALARM RESET IN	: N.O.
BUZZER	: ON
KEY LOCK	: OFF
ALARM HOLD TIME	: 05 SEC

CH1 .CH8: Set the sensor input type as

“**N O.**”: normal open, closed will trigger alarm

“**N C.**”: normal close, opened will trigger alarm

(‘closed’ means to short the alarm signal line to the ground)

ALARM RESET IN: to set alarm reset input type as ‘N.O’ or ‘N.C’

BUZZER: turn the Buzzer On/Off

KEY LOCK: turn the KEY LOCK function On or Off. When KEY LOCK is turned on:

- 1.All keys except SET key are locked.
- 2.KEY LOCK stays ON until we turn it off by pressing the SET key.

ALARM HOLD TIME: the time period to buzz (if buzzer is on) and send alarm out signal when an alarm in.

Warranty

Subject to the warranty condition below, this quad processor is warranted by Tech-island to be free from defects in material or workmanship for a period of 12 months from the date of purchase. Under the terms of warranty, the repair or replacement of any part there of shall be opinion of Tech-island. In order to obtain warranty service, the purchaser must present this page and sales docket as well.

Warranty Conditions

This warranty only applies provided that the Product has been used in accordance with the User's Manual and Installation Guide under normal use and reasonable care, and such warranty does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for purpose for which it was not designed or is not suited; and no repairs, alterations or modifications have been attempted by other than an authorized service agent. Tech-island, to the extent permitted by Law, shall limit its liability in respect of any warranty or obligation imposed in Trade Practices Act or other consumer transactions.